

Abstract

Title: Comparison of Movement Activity and Sport between Patients after Resurfacing and Total Hip Replacement Surgery

Objectives: To summarize the available information about after-surgery regime and self-sufficiency after total hip replacement. To accent the differences between resurfacing and total hip replacement. To obtain the information about sport behavior and movement activity of patients after resurfacing and total hip surgery using questionnaire survey. To find out if they are able to return back to sport activity and how much do the total hip replacement limits them, to find out how the pain influences their movement activity. To compare the movement activity of patients after resurfacing with patients after total hip surgery.

Methods: Thesis is worked out using quality assessment of information obtained by empiric way – using questionnaire survey. Results are processed using MS Excel into charts and graphs.

Results: The objective of clear justification of advantages of hip resurfacing as a surgery method providing early return to movement activity has not been met. However the results cannot be simply generalized because of limited amount of respondents.

Keywords: hip, total joint replacement, movement activity, sport